

## INTERNATIONAL SEARCH REPORT

In national Application No

PCT/GB 03/00960

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H01R4/24

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 6 027 361 A (BURMEISTER KLAUS-DIETER ET AL) 22 February 2000 (2000-02-22)  figure 6 ---	1,2,4,6, 9-11 3,8
Y	DE 43 41 152 C (QUANTE AG) 16 March 1995 (1995-03-16) figures 3,4 ---	3
Y	US 5 522 733 A (JONES KEITH H ET AL) 4 June 1996 (1996-06-04) figures 2,3A,3B ---	8
A	US 4 171 857 A (FORBERG HORST ET AL) 23 October 1979 (1979-10-23) cited in the application the whole document ----- -/-	1-11



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*&amp;\* document member of the same patent family

Date of the actual completion of the International search

27 May 2003

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/00960

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 836 782 A (HEBENSTREIT MARTIN ET AL) 17 November 1998 (1998-11-17) the whole document ----	1-11
A	EP 0 525 457 A (KRONE AG) 3 February 1993 (1993-02-03) the whole document -----	1-11

## INTERNATIONAL SEARCH REPORT

International Application No

Information on patent family members

PCT/GB 03/00960

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6027361	A	22-02-2000	DE 19732182 C1	25-03-1999
			AT 219299 T	15-06-2002
			DE 59804396 D1	18-07-2002
			EP 0893845 A2	27-01-1999
			ES 2178081 T3	16-12-2002
DE 4341152	C	16-03-1995	DE 4341152 C1	16-03-1995
			AT 149745 T	15-03-1997
			DE 59401930 D1	10-04-1997
			EP 0656672 A1	07-06-1995
US 5522733	A	04-06-1996	AT 131317 T	15-12-1995
			AT 163808 T	15-03-1998
			AT 170672 T	15-09-1998
			AU 657535 B2	16-03-1995
			AU 1776992 A	12-01-1993
			AU 672727 B2	10-10-1996
			AU 7901194 A	02-02-1995
			AU 670721 B2	25-07-1996
			AU 7901294 A	02-02-1995
			AU 679270 B2	26-06-1997
			AU 7901394 A	02-02-1995
			CA 2111352 A1	23-12-1992
			DE 69206615 D1	18-01-1996
			DE 69206615 T2	01-08-1996
			DE 69224668 D1	09-04-1998
			DE 69224668 T2	30-07-1998
			DE 69226879 D1	08-10-1998
			DE 69226879 T2	11-03-1999
			DE 588834 T1	28-07-1994
			DK 588834 T3	04-03-1996
			DK 643440 T3	28-09-1998
			DK 643441 T3	31-05-1999
			EP 0588834 A1	30-03-1994
			EP 0643440 A2	15-03-1995
			EP 0643441 A2	15-03-1995
			ES 2082473 T3	16-03-1996
			ES 2113052 T3	16-04-1998
			ES 2123708 T3	16-01-1999
			WO 9222941 A1	23-12-1992
			GB 2271892 A ,B	27-04-1994
			GB 2282279 A ,B	29-03-1995
			GB 2282280 A ,B	29-03-1995
			GR 3019128 T3	31-05-1996
			GR 3026461 T3	30-06-1998
			JP 6507995 T	08-09-1994
			AU 662008 B2	17-08-1995
			AU 2255392 A	11-02-1993
			AU 679386 B2	26-06-1997
			AU 3018295 A	26-10-1995
			AU 686416 B2	05-02-1998
			AU 3018395 A	26-10-1995
			DE 69214289 D1	07-11-1996
			DE 69214289 T2	24-04-1997
			EP 0593584 A1	27-04-1994
			EP 0685905 A2	06-12-1995
			WO 9301634 A2	21-01-1993
			GB 2271677 A ,B	20-04-1994

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/00960

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4171857	A	23-10-1979	DE 2725551 A1	21-12-1978
			AT 370562 B	11-04-1983
			AT 372778 A	15-08-1982
			BE 867675 A1	18-09-1978
			CH 637506 A5	29-07-1983
			DK 251278 A ,B,	08-12-1978
			FR 2394188 A1	05-01-1979
			IT 1101042 B	28-09-1985
			LU 79755 A1	28-11-1978
			NL 7805902 A ,B,	11-12-1978
US 5836782	A	17-11-1998	AU 2932395 A	16-02-1996
			EP 0770273 A1	02-05-1997
			WO 9602957 A1	01-02-1996
EP 0525457	A	03-02-1993	DE 4126068 C1	03-12-1992
			AT 135142 T	15-03-1996
			DE 59205550 D1	11-04-1996
			DK 525457 T3	01-04-1996
			EP 0525457 A2	03-02-1993
			ES 2084885 T3	16-05-1996
			GR 3019244 T3	30-06-1996
			IE 922555 A1	10-02-1993